

# Permit to Operate

**FACILITY:** N-811

**EXPIRATION DATE:** 11/30/200

**LEGAL OWNER OR OPERATOR:** STOCKTON MUNICIPAL UTIL. DEPT.

**MAILING ADDRESS:** 2500 NAVY DR  
STOCKTON, CA 95206

**FACILITY LOCATION:** 2500 NAVY DR  
STOCKTON, CA 95206

**FACILITY DESCRIPTION:** WASTEWATER TREATMENT FACILITY

The Facility to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

The Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

**DAVID L. CROW**

Executive Director / APCO

**Seyed Sadredin**

Director of Permit Services

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-811-0-1

**EXPIRATION DATE:** 11/30/2003

**EQUIPMENT DESCRIPTION:**

## **PERMIT UNIT REQUIREMENTS**

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)], [Federally Enforceable Through Title V]
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)], [Federally Enforceable Through Title V]
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0], [Federally Enforceable Through Title V]
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020. [District Rule 2010, 3.0 and 4.0; 2020; and County Rule 201 (in all eight counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1], [Federally Enforceable Through Title V]
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031], [Federally Enforceable Through Title V]
7. Every application for a permit required under Rule 2010 (Permits Required) shall be filed in a manner and form prescribed by the District. [District Rule 2040], [Federally Enforceable Through Title V]
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.5.1], [Federally Enforceable Through Title V]
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.6.1], [Federally Enforceable Through Title V]
11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520. [District Rules 2520, 9.6.2 and 1100, 7.0], [Federally Enforceable Through Title V]
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.8], [Federally Enforceable Through Title V]

## Initial TV Permit

13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.9.2], [Federally Enforceable Through Title V]
14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.9.3], [Federally Enforceable Through Title V]
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.9.4], [Federally Enforceable Through Title V]
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.9.5], [Federally Enforceable Through Title V]
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.10], [Federally Enforceable Through Title V]
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.14.2.1], [Federally Enforceable Through Title V]
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.14.2.2], [Federally Enforceable Through Title V]
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.14.2.3], [Federally Enforceable Through Title V]
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.14.2.4], [Federally Enforceable Through Title V]
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101, by using EPA method 9. If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
23. No person shall supply, sell, solicit or apply any architectural coating, except specialty coatings, that contains more than 250 grams of VOC per liter of coating (less water and exempt compounds, and excluding any colorant added to tint bases), or manufacture, blend, or repackage such coating with more than 250 grams of VOC per liter (less water and exempt compounds, and excluding any colorant added to tint bases) for use within the District. [District Rule 4601, 5.1], [Federally Enforceable Through Title V]
24. No person shall apply, sell, solicit, or offer for sale any specialty architectural coating listed in the Table of Standards (District Rule 4601, Table 1), nor manufacture, blend, or repackage such coating for use within the District, which contains VOCs (less water and exempt compounds, excluding any colorant added to tint bases) in excess of the specified limits listed in Table 1 of Rule 4601. [District Rule 4601, 5.2], [Federally Enforceable Through Title V]
25. All VOC-containing materials shall be stored in closed containers when not in use. In use includes, but is not limited to: being accessed, filled, emptied, maintained or repaired. [District Rule 4601, 5.4], [Federally Enforceable Through Title V]
26. A person shall not use VOCs for the cleanup of spray equipment unless equipment for collection of the cleaning compounds and minimizing its evaporation to the atmosphere is used. [District Rule 4601, 5.5], [Federally Enforceable Through Title V]
27. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.2. [District Rule 4601, 6.1 and 6.2], [Federally Enforceable Through Title V]
28. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official [District Rule 2520, 9.14.1 and 10.0], [Federally Enforceable Through Title V]
29. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F], [Federally Enforceable Through Title V]
30. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B], [Federally Enforceable Through Title V]

## Initial TV Permit

31. Disturbances of soil related to any construction, demolition, excavation, extraction, or water mining activities shall comply with the requirements for fugitive dust control in SJVUAPCD District Rule 8020 unless specifically exempted under section 4 of Rule 8020. [District Rule 8020], [Federally Enforceable Through Title V]
32. Outdoor handling and storage of any bulk material which emits dust shall comply with the requirements of SJVUAPCD Rule 8030, unless specifically exempted under section 4 of Rule 8030. [District Rule 8030], [Federally Enforceable Through Title V]
33. Any paved road over 3 miles in length, and any unpaved roads over half a mile in length, constructed after December 10, 1993 shall use the design criteria and dust control measures of, and comply with the administrative requirements of, SJVUAPCD Rule 8060 unless specifically exempted under section 4 of Rule 8060. [District Rule 8060], [Federally Enforceable Through Title V]
34. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M], [Federally Enforceable Through Title V]
35. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.17], [Federally Enforceable Through Title V]
36. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2], [Federally Enforceable Through Title V]
37. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permit shall apply. [District Rule 2520, 9.1.1], [Federally Enforceable Through Title V]
38. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), Rules 201, 202, 203, 204, 208, and 209 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin), Rule 410.1 (Kern), and Rule 423 (Kern, Fresno, Stanislaus, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
39. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (12/17/92); 4601, sections 5.1, 5.2, 5.4, 5.5, 6.1, and 6.2 (12/17/92); 8020 (4/25/96); 8030 (4/25/96); 8060 (4/25/96); A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
40. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
41. This facility is subjected to 40 CFR part 68. The facility shall submit a risk management plan (RMP) to the appropriate agencies by June 21, 1999, or other dates specified in 40 CFR 68.10. The facility shall certify compliance with these requirements as part of the annual compliance certification as required by 40 CFR part 70. [40 CFR Part 68], [Federally Enforceable Through Title V]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-811-1-0

**EXPIRATION DATE:** 11/30/2003

**EQUIPMENT DESCRIPTION:**

PAINT SPRAY BOOTH \*\*\*\*\* DELETED 12/05/96 \*\*\*\*\*

## **PERMIT UNIT REQUIREMENTS**

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1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. The particulate matter emissions from the stack of the paint spray booth shall not exceed 0.1 gr/scf and there shall be no visible emissions. [District NSR Rule and District Rule 4201]
3. Exhaust fans shall be switched on prior to the start of paint spraying operations. [District NSR Rule]
4. The coating operation shall comply with Rule 4603 (Surface Coating of Metal Parts and Products). [District Rule 4603]
5. Records shall be kept in accordance with Rule 4603 (Surface Coating of Metal Parts and Products). [District Rule 4603]
6. All records shall be retained for a minimum of 2 years, and shall be made available for District inspection upon request. [District Rule 1070]
7. Maintain a daily record of the volume of coatings and solvents applied, the VOC content of coatings as applied, and the total quantity of VOC emitted in pounds. [District Rule 1070]
8. Spray equipment shall only be cleaned in an approved spray equipment cleaner. [District Rule XXXX]
9. Closed, non-absorbent containers shall be used for storage and disposal of all solvent-laden cloth or paper. [District Rule XXXX]
10. All coatings and solvents shall be stored in closed containers. [District Rule XXXX]
11. Only HVLP, electrostatic, brush, dip, or roll coating application equipment shall be used, and shall be operated in accordance with the manufacturer's recommendations. [District Rule 4602]
12. No more than 40 pounds of photochemically reactive materials shall be discharged in one day. [ ]

## Initial TV Permit

### San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-811-2-0

**EXPIRATION DATE:** 11/30/2003

**EQUIPMENT DESCRIPTION:**  
SANDBLAST BUILDING

## PERMIT UNIT REQUIREMENTS

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1. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times. [ ]
2. A spare set of bags shall be maintained on the premises at all times. [ ]
3. Collected particulate matter shall be disposed of in a manner which prevents entrainment of the material into the ambient air. [ ]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-811-3-1

**EXPIRATION DATE:** 11/30/2003

**EQUIPMENT DESCRIPTION:**

ENGINE/GENERATOR, 600 HP WAKESHA, DIGESTOR GAS/NATURAL GAS FIRED

## **PERMIT UNIT REQUIREMENTS**

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1. Particulate matter emissions shall not exceed in concentration at the point of discharge 0.1 gr/dscf. [District Rule 4201 and San Joaquin county Rule 404], [Federally Enforceable Through Title V]
  2. Sulfur compound emissions shall not exceed 0.2% by volume, 2,000 ppmv, on a dry basis averaged over 15 consecutive minutes. [District Rule 4801 and San Joaquin County Rule 407], [Federally Enforceable Through Title V]
  3. The engine shall be fired only on digester gas (with a sulfur content not to exceed 4.2% by weight), natural gas (with a sulfur content not to exceed 4.2% by weight), or combinations of natural gas and digester gas (with a total sulfur content not to exceed 4.2% by weight). [District Rule 4801 and San Joaquin County Rule 407], [Federally Enforceable Through Title V]
  4. A record log of the engine's operating hours and capacity shall be kept on the premises and shall be made available for District inspection upon request. [District NSR Rule and District Rule 2520], [Federally Enforceable Through Title V]
  5. If the IC engine is fired on PUC-regulated natural gas, then maintain on file copies of all natural gas bills. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  6. If the engine is not fired on PUC-regulated natural gas, then the sulfur content of the natural gas or digester gas being fired in the IC engine shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  7. If the engine is not exclusively fired on PUC-regulated natural gas, the sulfur content of each fuel other than PUC-regulated natural gas shall be tested monthly except that if compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive months for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, the source must return to monthly testing until eight consecutive months show compliance. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  8. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
  9. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-811-4-1

**EXPIRATION DATE:** 11/30/2003

**EQUIPMENT DESCRIPTION:**

ENGINE/GENERATOR, 600 HP WAKESHA, DIGESTOR GAS/NATURAL GAS FIRED

## **PERMIT UNIT REQUIREMENTS**

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1. Particulate matter emissions shall not exceed in concentration at the point of discharge 0.1 gr/dscf. [District Rule 4201 and San Joaquin county Rule 404], [Federally Enforceable Through Title V]
  2. Sulfur compound emissions shall not exceed 0.2% by volume, 2,000 ppmv, on a dry basis averaged over 15 consecutive minutes. [District Rule 4801 and San Joaquin County Rule 407], [Federally Enforceable Through Title V]
  3. The engine shall be fired only on digester gas (with a sulfur content not to exceed 4.2% by weight), natural gas (with a sulfur content not to exceed 4.2% by weight), or combinations of natural gas and digester gas (with a total sulfur content not to exceed 4.2% by weight). [District Rule 4801 and San Joaquin County Rule 407], [Federally Enforceable Through Title V]
  4. A record log of the engine's operating hours and capacity shall be kept on the premises and shall be made available for District inspection upon request. [District NSR Rule and District Rule 2520], [Federally Enforceable Through Title V]
  5. If the IC engine is fired on PUC-regulated natural gas, then maintain on file copies of all natural gas bills. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  6. If the engine is not fired on PUC-regulated natural gas, then the sulfur content of the natural gas or digester gas being fired in the IC engine shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  7. If the engine is not exclusively fired on PUC-regulated natural gas, the sulfur content of each fuel other than PUC-regulated natural gas shall be tested monthly except that if compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive months for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, the source must return to monthly testing until eight consecutive months show compliance. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  8. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
  9. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-811-5-1

**EXPIRATION DATE:** 11/30/2003

**EQUIPMENT DESCRIPTION:**

ENGINE/GENERATOR, 600 HP WAKESHA, DIGESTOR GAS/NATURAL GAS

## **PERMIT UNIT REQUIREMENTS**

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1. Particulate matter emissions shall not exceed in concentration at the point of discharge 0.1 gr/dscf. [District Rule 4201 and San Joaquin county Rule 404], [Federally Enforceable Through Title V]
  2. Sulfur compound emissions shall not exceed 0.2% by volume, 2,000 ppmv, on a dry basis averaged over 15 consecutive minutes. [District Rule 4801 and San Joaquin County Rule 407], [Federally Enforceable Through Title V]
  3. The engine shall be fired only on digester gas (with a sulfur content not to exceed 4.2% by weight), natural gas (with a sulfur content not to exceed 4.2% by weight), or combinations of natural gas and digester gas (with a total sulfur content not to exceed 4.2% by weight). [District Rule 4801 and San Joaquin County Rule 407], [Federally Enforceable Through Title V]
  4. A record log of the engine's operating hours and capacity shall be kept on the premises and shall be made available for District inspection upon request. [District NSR Rule and District Rule 2520], [Federally Enforceable Through Title V]
  5. If the IC engine is fired on PUC-regulated natural gas, then maintain on file copies of all natural gas bills. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  6. If the engine is not fired on PUC-regulated natural gas, then the sulfur content of the natural gas or digester gas being fired in the IC engine shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  7. If the engine is not exclusively fired on PUC-regulated natural gas, the sulfur content of each fuel other than PUC-regulated natural gas shall be tested monthly except that if compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive months for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, the source must return to monthly testing until eight consecutive months show compliance. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  8. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
  9. Compliance with permit conditions in the Title V permit shall be deemed compliance with SJVUAPCD Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-811-6-2

**EXPIRATION DATE:** 11/30/2003

**EQUIPMENT DESCRIPTION:**

EMERGENCY STANDBY GENERATOR SERVED BY A 450 HP CATERPILLAR D343TA DIESEL ENGINE

**PERMIT UNIT REQUIREMENTS**

1. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
2. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)]
3. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
4. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2]
5. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2]
6. Records of operating hours shall be kept for units operating less than 200 hours per year. [District Rule 2520, 9.4.2]
7. On all units which are not emergency or backup IC engines operating less than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2]
8. Test results from an engine that represents a group of engines in terms of rated brake horsepower, engine make and series, operational conditions, fuel used, and control method, shall satisfy testing requirements provided this group of engines is owned and operated by a single owner/operator. [District Rule 2520, 9.4.2]
9. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2]
10. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
12. A record of daily fuel consumption shall be maintained, retained on the premises and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. The permittee shall maintain records of hours of emergency and non-emergency operation and shall make such records readily available to District staff upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-811-7-2

**EXPIRATION DATE:** 11/30/2003

**EQUIPMENT DESCRIPTION:**

ONE 400 H.P. ALLIS-CHAMBERS STANDBY DIESEL ENGINE-GENERATOR 300 KW; LOCKED AT ENGINE ROOM.

## **PERMIT UNIT REQUIREMENTS**

1. The engine shall be operated with timing retarded four degrees relative to manufacturer standard recommended timing. [District NSR Rule], [Federally Enforceable Through Title V]
2. The NOx emissions shall not exceed 7.2 gr/hp-hr for the engine. [District NSR Rule], [Federally Enforceable Through Title V]
3. Operation for other than maintenance purposes shall be limited to actual interruption of power by the serving utility. [District NSR Rule], [Federally Enforceable Through Title V]
4. Operation for maintenance purposes only shall be limited to 100 hours per year. [District NSR Rule], [Federally Enforceable Through Title V]
5. A daily log of the engine operating hours shall be kept on the premises at all times and shall be made available for District inspection upon request. [District NSR Rule and District Rule 2520], [Federally Enforceable Through Title V]
6. The permittee shall submit in writing to the District a written report indicating the standard factory timing, the actual standard timing, date and person performing the timing adjustment. [District NSR Rule and District Rule 2520], [Federally Enforceable Through Title V]
7. On annual basis, the permittee shall provide the District with written verification of the engine timing as determined by a competent person. [District NSR Rule and District Rule 2520], [Federally Enforceable Through Title V]
8. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
9. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)]
10. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
11. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2]
12. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2]
13. Records of operating hours shall be kept for units operating less than 200 hours per year. [District Rule 2520, 9.4.2]
14. On all units which are not emergency or backup IC engines operating less than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2]
15. Test results from an engine that represents a group of engines in terms of rated brake horsepower, engine make and series, operational conditions, fuel used, and control method, shall satisfy testing requirements provided this group of engines is owned and operated by a single owner/operator. [District Rule 2520, 9.4.2]
16. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2]
17. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2]

## **Initial TV Permit**

18. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-811-8-0

**EXPIRATION DATE:** 11/30/2003

**EQUIPMENT DESCRIPTION:**

ONE (1) 5,000 GALLON AND ONE (1) 3,000 GALLON GASOLINE STORAGE TANKS SERVED BY OPW COAXIAL PHASE I VAPOR RECOVERY SYSTEM AND TWO (2) NOZZLES SERVED BY BALANCE PHASE II VAPOR RECOVERY SYSTEM. \*PER LETTER (2/28/95) FROM FACILITY TANKS WERE REMOVED\*

## **PERMIT UNIT REQUIREMENTS**

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1. All nozzles shall be equipped with coaxial hose configurations. [District Rule 4622]
2. At least 95% by weight of all gasoline vapors displaced during the filling of storage tanks and the refueling of vehicles shall be prevented from entering the atmosphere. [District Rule 4622]
3. The vapor recovery systems and their components shall be installed, operated, and maintained in accordance with the State certification requirements. [District Rules 4621 and 4622]
4. The permittee shall perform and pass a Dynamic Back Pressure Test using BAAQMD Method ST-27 within 60 days after initial start-up and as required by the Air Pollution Control Officer thereafter. [District Rule 4622]
5. The permittee shall perform and pass a Vapor Leak Test using BAAQMD Method ST-30 within 60 days after initial start-up and as required by the Air Pollution control Officer thereafter. [District Rule 4622]
6. The District shall be notified by the permittee 15 days prior to each test. The test results shall be submitted to the District no later than 30 days after each test. [District Rule 1081]
7. Prior to December 31, 1994, and at least once every five years thereafter, each vapor recovery system shall be tested to determine proper installation and function using District approved test methods. [District Rule 4622]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-811-9-2

**EXPIRATION DATE:** 11/30/2003

**EQUIPMENT DESCRIPTION:**

ONE (1) 93 HP DETROIT DIESEL IC ENGINE (SERIAL # 50437101) USED TO POWER AN EMERGENCY AIR COMPRESSOR FOR SUPPLYING PLANT SERVICE AIR

**PERMIT UNIT REQUIREMENTS**

1. This engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. [District NSR Rule], [Federally Enforceable Through Title V]
2. Operation of the engine for maintenance and testing purposes shall not exceed 200 hours per year. [District NSR Rule], [Federally Enforceable Through Title V]
3. The permittee shall maintain records of hours of emergency and non-emergency operation and shall make such records readily available to District staff upon request. [District Rule 2520], [Federally Enforceable Through Title V]
4. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
5. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)]
6. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
7. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2]
8. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2]
9. Records of operating hours shall be kept for units operating less than 200 hours per year. [District Rule 2520, 9.4.2]
10. On all units which are not emergency or backup IC engines operating less than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2]
11. Test results from an engine that represents a group of engines in terms of rated brake horsepower, engine make and series, operational conditions, fuel used, and control method, shall satisfy testing requirements provided this group of engines is owned and operated by a single owner/operator. [District Rule 2520, 9.4.2]
12. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
14. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-811-10-1

**EXPIRATION DATE:** 11/30/2003

**EQUIPMENT DESCRIPTION:**

EMERGENCY STANDBY GENERATOR SERVED BY 165 HP WAUKESHA F1197GU LPG ENGINE

**PERMIT UNIT REQUIREMENTS**

1. Unit shall be fired on liquefied petroleum gas (LPG) with a sulfur content of less than or equal to 0.008% by weight (15 gr/100 ft3). [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
2. Particulate matter emissions shall not exceed in concentration at the point of discharge 0.1 gr/dscf. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
3. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
4. The IC engine shall be fired on PUC-regulated liquefied petroleum gas (LPG). The operator shall maintain on file copies of all liquefied petroleum gas bills and fuel certifications from supplier. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
5. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information, for inspection by District personnel at any time, for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
6. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
7. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Kern, Merced, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
8. The permittee shall maintain records of hours of emergency and non-emergency operation and shall make such records readily available to District staff upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-811-11-1

**EXPIRATION DATE:** 11/30/2003

**EQUIPMENT DESCRIPTION:**

PORTABLE EMERGENCY STANDBY GENERATOR SERVED BY 450 HP CATERPILLER 3406 DITA DIESEL ENGINE, S/N 75Z1640. TURBOCHARGED. TIMING RETARDED.

## **PERMIT UNIT REQUIREMENTS**

1. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
2. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)]
3. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
4. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2]
5. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2]
6. Records of operating hours shall be kept for units operating less than 200 hours per year. [District Rule 2520, 9.4.2]
7. On all units which are not emergency or backup IC engines operating less than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2]
8. Test results from an engine that represents a group of engines in terms of rated brake horsepower, engine make and series, operational conditions, fuel used, and control method, shall satisfy testing requirements provided this group of engines is owned and operated by a single owner/operator. [District Rule 2520, 9.4.2]
9. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2]
10. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
12. The permittee shall maintain records of hours of emergency and non-emergency operation and shall make such records readily available to District staff upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-811-12-1

**EXPIRATION DATE:** 11/30/2003

**EQUIPMENT DESCRIPTION:**

PORTABLE EMERGENCY STANDBY GENERATOR SERVED BY 450 HP CATERPILLAR 3406TA DIESEL ENGINE, S/N 75Z01455. TURBOCHARGED. TIMING RETARDED.

**PERMIT UNIT REQUIREMENTS**

1. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
2. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)]
3. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
4. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2]
5. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2]
6. Records of operating hours shall be kept for units operating less than 200 hours per year. [District Rule 2520, 9.4.2]
7. On all units which are not emergency or backup IC engines operating less than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2]
8. Test results from an engine that represents a group of engines in terms of rated brake horsepower, engine make and series, operational conditions, fuel used, and control method, shall satisfy testing requirements provided this group of engines is owned and operated by a single owner/operator. [District Rule 2520, 9.4.2]
9. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2]
10. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
12. The permittee shall maintain records of hours of emergency and non-emergency operation and shall make such records readily available to District staff upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-811-13-1

**EXPIRATION DATE:** 11/30/2003

**EQUIPMENT DESCRIPTION:**

ONE (1) 2,000 GALLON ABOVE GROUND CONVAULT GASOLINE STORAGE TANK SERVED BY COAXIAL PHASE I VAPOR RECOVERY SYSTEM (G-70-97) AND ONE (1) NOZZLE SERVED BY OPW BALANCE PHASE II VAPOR RECOVERY SYSTEM (G-70-116-B).

## **PERMIT UNIT REQUIREMENTS**

1. At least 95% by weight of gasoline vapors displaced during the filling of storage tanks and the refueling of vehicles shall be prevented from entering the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
2. Pressure/Vacuum relief valves shall be maintained operational at all times. [District NSR Rule and District Rule 4621], [Federally Enforceable Through Title V]
3. The vapor recovery systems and their components shall be installed, operated, and maintained in accordance with the State certification requirements. [District NSR Rule], [Federally Enforceable Through Title V]
4. The district shall be notified by the permittee 15 days prior to each test. The test results shall be submitted to the District no later than 30 days after each test. [District NSR Rule and District Rule 4622], [Federally Enforceable Through Title V]
5. The gasoline storage tank shall be equipped with a permanent submerged fill pipe. [District Rule 4621 Section 5.1.1], [Federally Enforceable Through Title V]
6. The aboveground storage tanks shall be constructed and maintained free of leaks. Tanks shall be inspected at least annually and if any leaks are found during the annual inspection, the inspection frequency for that unit shall be changed from annually to quarterly. Any leaks that is found during the inspection shall be repaired within seven (7) working days after the leak is found. If the unit is subsequently found to be free of leaks during five consecutive quarterly inspections, inspection frequency for that unit may be changed from quarterly to annual. [District Rule 4621 Section 5.1.3], [Federally Enforceable Through Title V]
7. A certified Phase II vapor recovery system that has been installed shall not be removed regardless of the amount of gasoline dispensed or how the gasoline is delivered to the facility. The facility shall continue to use and maintain the vapor recovery system and all of its components in good repair. [District Rule 4622 Section 5.3], [Federally Enforceable Through Title V]
8. No person shall operate Phase II vapor recovery system, which contains any defects listed in Section 94006 of Title 1 of the California Code of Regulations and/or in Section 5.4 of SJVUAPCD Rule 4622 (as amended June 18, 1998) until the defect has been repaired, replaced, or adjusted as necessary to correct the defect, and the District has reinspected the system or has authorized its use pending reinspection. [District Rule 4622 Section 5.4], [Federally Enforceable Through Title V]
9. Any defects identified shall be tagged "Out of Order"; the tagged equipment shall be rendered inoperable and the tag(s) shall not be removed until the defect has been repaired, replaced or adjusted. In the case of defects identified by the District, tagged equipment shall be rendered inoperable and the tag shall not be removed until the District has been notified of the repairs, and/or the District has inspected and authorized the tagged equipment for use. A log containing at least the following shall be maintained: date and type of defect identified and date repaired, replaced or corrected. [District Rule 4622, 5.5], [Federally Enforceable Through Title V]
10. Vapor recovery systems and gasoline dispensing equipment shall be maintained leak-free as verified using EPA Test Method 21 and visual inspection. Leak testing shall be performed at least annually and within 60 days of all major modifications. For this condition, a major modification is considered to be replacing, repairing, or upgrading 75% or more of the certified system. [District Rules 2520, 9.4.2 and 4622, 3.8, 5.6], [Federally Enforceable Through Title V]
11. No person shall top off a motor vehicle fuel tank. [District Rule 4622 Section 5.8], [Federally Enforceable Through Title V]
12. No owner or operator shall tamper with, or permit tampering with, the certified vapor recovery system in a manner that would impair the operation or effectiveness of the system. [District Rule 4622, 5.10], [Federally Enforceable Through Title V]
13. All liquid removal devices required by ARB Executive Order shall be maintained to achieve a minimum rate of five milliliters per gallons. This standard shall apply at dispensing rates exceeding five gallons per minute, unless a higher removal rate is specified in the applicable Executive Order. [District Rule 4622 Section 5.11], [Federally Enforceable Through Title V]
14. Verification that each certified Phase II vapor recovery system meets or exceeds the requirements of specified test method in Section 6.3 of SJVUAPCD Rule 4622 (as amended June 18, 1998) shall be maintained. These test results shall be dated and shall contain the names, addresses, and telephone numbers of the companies responsible for system installation and testing. [District Rule 4622 Section 6.1.3], [Federally Enforceable Through Title V]

## Initial TV Permit

15. Each operator shall maintain a leak inspection log containing, at a minimum, the following: inspector's name, location and description of component type, where any leak is found, date of leak detection, emission level (ppm) if applicable, and date leak is repaired. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
16. Compliance with the requirement of the Phase II Vapor recovery system is considered to be demonstrated by passing performance tests, at least once every year from the date of the most recent test, or at more frequent intervals, as specified by the CARB Executive Order certifying the system. Facilities that have not been performance tested previously, using the following applicable methods, shall be tested in accordance with BAAQMD Source Test Procedures ST-27 (Dynamic Back Pressure), ST-37 (Liquid Removal Device), and ST-38 (Static Leak Test Procedure Aboveground Tanks) within 60 days after initial start-up and no later than December 31, 1998 (facilities with 1 nozzle). [District Rules 2520, 9.4.2 and 4622, 5.2, 6.2. 6.3], [Federally Enforceable Through Title V]
17. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rules 4621 (as amended June 18, 1998). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-811-14-1

**EXPIRATION DATE:** 11/30/2003

**EQUIPMENT DESCRIPTION:**

WASTE DIGESTER GAS BURNER ASSEMBLY RATED AT 5.17 MMBTU/HR

## **PERMIT UNIT REQUIREMENTS**

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1. The emission of sulfur compounds, calculated as SO<sub>2</sub>, shall not exceed 0.2% in concentration at the point of discharge on a dry basis averaged over 15 consecutive minutes. [District Rule 4801, San Joaquin County Rule 407], [Federally Enforceable Through Title V]
2. The sulfur content of gas being flared shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
3. The flare shall be operated according to the manufacturer's specifications, a copy of which shall be maintained on site. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
4. The requirements of SJVUAPCD District Rule 4201 (Amended December 17, 1992) do not apply to this source. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
5. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
6. This flare shall be inspected every two weeks while in operation for visible emissions. If excessive visible emissions are observed, corrective action shall be taken. If excess emissions continue, a EPA Method 9 test shall be conducted within 72 hours. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. Records of flare maintenance, inspections and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** N-811-19-1

**EXPIRATION DATE:** 11/30/2003

**EQUIPMENT DESCRIPTION:**

ONE (1) 193 HP JOHN DEERE DIESEL FIRED INTERNAL COMBUSTION ENGINE (MODEL #6466A) WITH A TURBOCHARGER AND AFTERCOOLER POWERING A SLUDGE DREDGE.

**PERMIT UNIT REQUIREMENTS**

1. The engine shall be operated with the fuel injection timing retarded four degrees from the manufacturer's recommended standard fuel injection timing. [District NSR Rule], [Federally Enforceable Through Title V]
2. NOx emissions from this engine shall not exceed 673.8 ppmv corrected to 15% O2. [District Rule 4701]
3. CO emissions from this engine shall not exceed 2000 ppmv corrected to 15% O2. [District Rule 4701]
4. Source testing to demonstrate compliance with NOx and CO limitations shall be conducted as required by Rule 4701 (Internal Combustion Engines). [District Rule 4701]
5. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081], [Federally Enforceable Through Title V]
6. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081], [Federally Enforceable Through Title V]
7. Source testing to measure concentrations of oxides of nitrogen (as NO2) shall be conducted using EPA method 7E or CARB method 100. [District Rule 4701]
8. Source testing to measure concentrations of carbon monoxide (CO) shall be conducted using EPA method 10 or CARB method 100. [District Rule 4701]
9. Source testing to measure the stack gas oxygen shall be conducted using EPA methods 3 or 3A, or CARB method 100. [District Rule 4701]
10. The actual fuel injection timing setting relative to the engine manufacturer's recommended standard fuel injection timing setting shall be measured at least once every 2 years. [District NSR Rule and District NSR Rule], [Federally Enforceable Through Title V]
11. The permittee shall maintain records of the engine's actual fuel injection timing setting, the manufacturer's recommended standard fuel injection timing setting, and the date the measurements were taken. These records must include a description of any corrective actions taken to maintain the engine's actual fuel injection timing. [District NSR Rule and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
13. Particulate matter emissions shall not exceed in concentration at the point of discharge 0.1 gr/dscf. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
14. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
15. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
16. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. Records of operating hours shall be kept for units operating less than 300 hours per year. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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18. On all units which are not emergency or backup IC engines operating less than 300 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
19. Test results from an engine that represents a group of engines in terms of rated brake horsepower, engine make and series, operational conditions, fuel used, and control method, shall satisfy testing requirements provided this group of engines is owned and operated by a single owner/operator. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
20. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
21. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
22. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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